

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"4967268".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/01 09:56
S1	1	"20080129929"	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:38
S2	238	349/89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:48
S3	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:49
S4	69	S2 and transparent substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:49
S5	5	S2 and transparent substrate and optical anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:50
S9	4	S2 and transparent substrate and gradation and (var\$5 or adjust or chang\$3) near5 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:52
S10	101	((KOI CHI) near2 (MIYACHI)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:53
S11	10	((TAKAKO) near2 (KOIDE)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:53
S12	5116	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:14
S13	21	345/55,84,87.ccls. and transparent substrate and anisotropy and gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:15
S14	20	345/55,84,87.ccls. and transparent substrate and anisotropy and gradation and color	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:16
S15	54	(S2 or S3) and color and voltages same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:36
S16	10	(S2 or S3) and rgb and voltages same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:37
S17	130	(S12 or S3) and rgb and voltages same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:58

S18	67	(S12 or S3) and rgb and (differ\$5 or var\$6 or chang\$4) near7 voltage same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 15:01
S19	12	(S12 or S3) and (rgb near5 gradation) and voltage level	US-PGPUB; USPAT	ADJ	ON	2009/03/26 15:09
S20	0	"6700560".pn. and transparent	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:14
S21	1	"6700560".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:14
S22	0	"6700560".pn. and substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:16
S23	17	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$). did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:17
S24	4	S23 and transparent substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:18
S25	0	"6700560".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:29
S26	1	"6700560".pn. and voltage same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:39
S27	0	"6700560".pn. and (lut or memory) same gradation same voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:56
S28	4	S23 and (lut or memory) same gradation same voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:58
S30	0	S23 and isotropy and anisotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:27
S31	0	S23 and anisotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:28

S32	0	S23 and isotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:28
S33	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:31
S34	5116	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:31
S35	25	(S33 or S34) and anisotropy and isotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:31
S36	19	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$). did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 06:49
S38	2	S36 and isotropy and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 06:51
S39	238	349/89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 07:48
S40	5	S39 and isotropy and anisotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 07:48
S41	1	"6700560".pn. and element	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:23
S42	0	"6700560".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:30
S43	0	"6700560".pn. and isotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:30
S44	0	"6700560".pn. and applied near5 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:31
S45	0	S36 and optical wavelength	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:36
S46	5	S36 and wavelength	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:37

S47	5	S36 and wavelength and molecule	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:37
S48	0	S36 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S49	1	S39 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S50	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S51	1	S50 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S52	5116	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:49
S53	2	S52 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:49
S54	3	(S52 or S50) and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:52
S55	74	(S52 or S50) and cubic	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:02
S56	15	(S52 or S50) and (cubic phase or D phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:13
S57	2	(S52 or S50) and (cubic phase or smectic D phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:16
S58	2	(S52 or S50) and (cubic phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:17
S59	2	(S52 or S50) and (smectic D)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:18
S60	1888	(smectic D phase) or (cubic phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:19
S61	58	lcd and ((smectic D phase) or (cubic phase))	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:19
S62	47	lcd and ((smectic D phase) or (cubic phase)) and medium	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:05
S63	2	S60 and (S50 or S52)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:12
S64	2	(S50 or S52) and liquid crystal microemulsion	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:17
S65	4	(S50 or S52) and lyotropic and (micelle or sponge or cubic)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:18

S66	1	"6570632".pn. and (smectic or microemulsion or cubic or sponge)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:38
S67	1	"6570632".pn. and (smectic or microemulsion or cubic or sponge or micelle)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:41
S68	1	"6570632".pn. and lyotropic and (smectic or microemulsion or cubic or sponge or micelle)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:41
S69	148	(S52 or S50) and (cubic phase or smectic phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:03
S70	41	(S52 or S50) and (cubic phase or smectic phase) and lcd	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:04
S71	0	(S52 or S50) and (cubic phase or smectic D phase) and lcd	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:30
S72	0	(S52 or S50) and (cubic phase) and lcd	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:32
S73	1	(S52 or S50) and (cubic near5 phase) and lcd	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:32
S74	42	liquid crystal microemulsion	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:09
S75	1	"6266109".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:37
S76	2	"6266109".pn. or "6636289".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:48
S78	0	("6266109".pn. or "6636289".pn.) and liquid crustal microemulsion	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:49
S81	0	("6266109".pn. or "6636289".pn.) and liquid crystal micro	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:51
S82	1	("6266109".pn. or "6636289".pn.) and micro	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:51
S83	0	("6266109".pn. or "6636289".pn.) and (micelle or sponge or cubic or fine)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:29

S84	1	("6266109".pn. or "6636289".pn.) and (phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:29
S85	1	"6570632".pn. and phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:38
S86	0	"6570632".pn. and cubic	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:53
S87	1	"6570632".pn. and micelle	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:54
S88	28	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$). did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$). did.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:57
S89	2	S88 and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:58
S90	2	S88 and (dendrimer or discotic)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 14:00
S91	5	(S52 or S50) and (dendrimer)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 14:06
S92	1	"20080129929" and smectic D	US-PGPUB; USPAT	ADJ	ON	2009/03/30 14:58
S93	0	("6266109".pn. or "6636289".pn.) and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:22

S94	0	S36 and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:23
S95	1	S88 and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:23
S96	2	(S50 or S52) and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:24
S97	1	S88 and blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:25
S98	8	S88 and cholesteric	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:25
S99	1	"6570632".pn. and (micelle or cubic or fine)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:44
S100	8	S88 and (fine)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:48
S101	1	"4636786".pn. and (fine or micro or phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:56
S102	1	"4636786".pn. and (micelle or cubic)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:09
S104	0	"6700560".pn. and isotropy and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:22
S105	0	"6700560".pn. and isotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:22
S106	0	"6700560".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:22
S108	3	S88 and isotropy and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:23
S109	3	S88 and isotropy and anisotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:23
S110	4	S88 and isotropic and anisotropic and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:32
S111	1	"6266109".pn. and isotrop\$4 and anisotrop \$4	US-PGPUB; USPAT	ADJ	ON	2009/03/31 07:29
S112	1	"6266109".pn. and isotrop\$4 and anisotrop \$4 and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/31 07:30
S113	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:16
S114	5124	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:16

S115	27	(S113 or S114) and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero))	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:17
S116	3	"20030184692" or "20030160750"	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:05
S117	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and isotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero))	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:06
S118	3	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero))	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:06
S119	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and (isotropy near7 voltage)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:07
S120	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and (isotrop\$4 near7 voltage)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:07
S121	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and isotrop\$4	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:08

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